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| *FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 11-2000) | | ATTORNEY'S DOCKET NUMBER 514862000100 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371 | | |
| INTERNATIONAL APPLICATION NO. PCT/SE00/00514 | INTERNATIONAL FILING DATE 16 March 2000 (16-03-00) | PRIORITY DATE CLAIMED 19 March 1999 (19/03/99) |
| TITLE OF INVENTION USE OF FUCCOSYLATED SIALYLATED N-ACETYL LACTOSAMINE CARBOHYDRATE STRUCTURES FOR INHIBITION OF BACTERIAL ADHERENCE | | |
| APPLICANT(S) FOR DO/EO/US BOREN, Thomas; KARLSSON, Karl-Anders; HAMMARSTRÖM, Lennart and TENEBERG, Susann | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p><input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).</p> <p><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). (PUBLISHED Int'l Application) b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <p><input type="checkbox"/> An English language translation of the International Application under PCT Article 19 (35 U.S.C. 371(c)(2)).</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <p><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (NOT SIGNED)</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> | | |
| Items 11. to 16. below concern document(s) or information included: | | |
| <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. Form 1449 with Int'l Search Report and cited references.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: return receipt postcard.</p> | | |

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Date of Deposit: September 19, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, BOX PCT, Washington, D.C. 20231.

EL 903 973 977 US**CHASE J. TROMBELLA**

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 09/937110 | | INTERNATIONAL APPLICATION NO. TO BE ASSIGNED | ATTORNEY'S DOCKET NUMBER: 514862000100 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------------|---|---|--|-------------------------------|---------------|------|-----------------|--|------------------|------------|-----------|---------------|--|----------------|------------|-----------|---------------|--|--|--|------------|---------------|--|--|--|--|--|
| <p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1,000.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$860.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$710.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provision of PCT Article 33(1)-(4)\$690.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = \$1,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input checked="" type="checkbox"/> Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ -0-</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;"><input checked="" type="checkbox"/> CLAIMS</th> <th style="text-align: left; padding: 2px;">NUMBER FILED</th> <th style="text-align: left; padding: 2px;">NUMBER EXTRA</th> <th style="text-align: left; padding: 2px;">RATE</th> <th style="text-align: left; padding: 2px;">\$</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/> Total claims</td> <td style="padding: 2px;">12 - 20 =</td> <td style="padding: 2px;">-0-</td> <td style="padding: 2px;">x \$18.00</td> <td style="padding: 2px;">\$ -0-</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/> Independent claims</td> <td style="padding: 2px;">2 - 3 =</td> <td style="padding: 2px;">-0-</td> <td style="padding: 2px;">x \$80.00</td> <td style="padding: 2px;">\$ -0-</td> </tr> <tr> <td colspan="3" style="padding: 2px;">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="padding: 2px;">+ \$270.00</td> <td style="padding: 2px;">\$ -0-</td> </tr> <tr> <td colspan="4" style="text-align: right; padding: 2px;">TOTAL OF ABOVE CALCULATIONS = \$1,000</td> <td style="padding: 2px;"></td> </tr> </tbody> </table> | | | | <input checked="" type="checkbox"/> CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | <input checked="" type="checkbox"/> Total claims | 12 - 20 = | -0- | x \$18.00 | \$ -0- | <input checked="" type="checkbox"/> Independent claims | 2 - 3 = | -0- | x \$80.00 | \$ -0- | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$270.00 | \$ -0- | TOTAL OF ABOVE CALCULATIONS = \$1,000 | | | | |
| <input checked="" type="checkbox"/> CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Total claims | 12 - 20 = | -0- | x \$18.00 | \$ -0- | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Independent claims | 2 - 3 = | -0- | x \$80.00 | \$ -0- | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$270.00 | \$ -0- | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$1,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$. \$500.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input checked="" type="checkbox"/> SUBTOTAL = \$500.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input checked="" type="checkbox"/> Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$ -0-</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TOTAL NATIONAL FEE = \$500.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input checked="" type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ -0-</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>TOTAL FEES ENCLOSED = \$500.00</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 10%; text-align: center; vertical-align: bottom;">Amount to be refunded:</td> <td style="width: 20%; text-align: right; vertical-align: bottom;">\$ -0-</td> </tr> <tr> <td></td> <td style="text-align: center; vertical-align: bottom;">charged:</td> <td style="text-align: right; vertical-align: bottom;">\$500.00</td> </tr> </table> | | | | | Amount to be refunded: | \$ -0- | | charged: | \$500.00 | | | | | | | | | | | | | | | | | | | |
| | Amount to be refunded: | \$ -0- | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | charged: | \$500.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>a. <input type="checkbox"/> A check in the amount of \$* to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 03-1952 in the amount of \$500.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 03-1952. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>SEND ALL CORRESPONDENCE TO:</p> <p>Michael R. Ward Morrison & Foerster LLP 425 Market Street San Francisco, California 94105-2482</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p> SIGNATURE</p> <p>Michael R. Ward Registration No. (38,651)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |